evident. And, the potential of improving the M-15 connection at I-69 will make it even more attractive. So, SLAM appears to be producing logical results in redistributing the study area's growth.

These growth data produce the traffic forecasts shown on Figure 4-8. As would be expected, the largest changes in traffic volumes are in Oakland County where the growth is lowered by SLAM. And, because Irish Road can serve some of the growth shifted to Genesee, further decline of traffic on M-15 is projected. But, because a good part of the growth is shifted to the M-15/I-69 northeast quadrant, traffic on M-15 at I-69 is even greater than the earlier forecast. In total, the shift in growth forecast through SLAM doesn't relieve enough traffic on M-15 to eliminate the need for some improvement.

Alternative No. 3 - Widen M-15

All alternatives to widen M-15 (five-lane, narrow and wide boulevards) are characterized the same way in the travel model (Figure 4-9). The widened road is expected to carry about 5 to 10 percent more than the baseline system in the core of the corridor. The speed and capacity of the road cause the attraction of this additional traffic. But, this is the only alternative, i.e., widening M-15, that meets the traffic demand from I-69 to I-75. Bypasses provide limited relief on a limited length of M-15. Because of that potential, they are evaluated for their overall effects on the study area.

4.1 Evaluation of the Alternatives

To make this evaluation flow smoothly, the following comparisons will be made in the order shown:

- 1. Irish Road (wide boulevard) vs. M-15 wide boulevard.
- 2. Goodrich Bypass (wide boulevard) with M-15 wide boulevard.
- 3. Lake Louise Bypass (wide boulevard) with M-15 wide boulevard.
- 4. M-15 five-lane vs. narrow boulevard vs. wide boulevard.
- 5. The Goodrich one-way pair.

4.1.1 Irish Road vs. M-15 Wide Boulevard

Three corridor sectors are involved in the comparison of Irish Road to M-15. Both roadway improvements would involve wide-boulevard cross sections. By reviewing the data on Table 4-4, it can be seen that Irish Road's impacts in almost every category and in every sector equal or exceed those associated with widening M-15. Particularly negative effects are the expected impact of Irish Road on two properties now listed on the *National Register*. These are the John McAra (Queen Anne) house and the "round" barn (at 4277 Irish Road), one of only a dozen in Michigan. Potential farmland impacts are also greater along Irish Road than M-15. And, while wetland effects are about the same between the two proposals, M-15 has a more negative

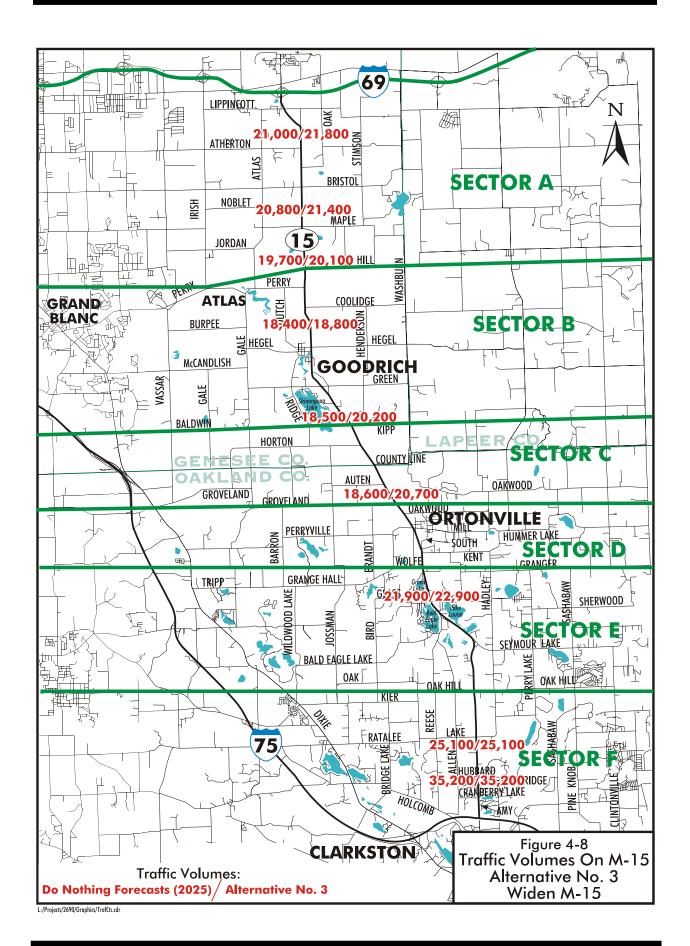


Table 4-4
Evaluation Data: First-Level Screening Irish Road vs. M-15 Wide Boulevard

tot												Ш					Ш		Ш							<u> </u>
Sector	Irish Road	Per Mi.		7.0											7.5		3.3					Medium		High		15,800/18,600
	Irish	#		14		0	0		0	1	0	1	0		15		7		0	0		Mec		宝		15,800,
	15	Per Mi.		14.8											1.0		1.0					h		ınm		20,200
rB	M-15	#		57		0	0		0	1	_	0	0		4		4		0	0		High		Medium		18,800/20,200
Sector B	oad	Per Mi.		9.2											8.9		3.0					un		h		15,800
	Irish Road	#		35		0	0		1	1	0	2	2		27		12		0	0		Medium		High		13,000/15,800
	5	Per Mi.		7.1											0.7		1.9					un		^		21,800
гA	M-15	#		32		0	0		0	0	4	1	0		3		8		0	1		Medium		Low		20,100/21,800
Sector A	oad	Per Mi.		20.1											0.9		1.4					un		um		19,800
	Irish Road	#		105		2	0		0	1	1	0	0		30		7		0	0		Medium		Medium		16,400/19,800
Sector →	Improvement →	Factor 🕹	1. Displacements	Homes	2. Historics	National Register Property	Archaeologic Site	3. Waterways	Lake	Perennial Stream	Drain	Pond	Intermittent Stream	4. Farmland	Acres	5. Wetlands	Acres	6. Parks/Recreation Areas	Public	Private	7. Community Cohesion	High/Medium/Low	8. Engineering Difficulty	High/Medium/Low	9. Traffic Flow on M-15	Vehicles/Day in 2025

issue in the parkland/recreation category as it would touch the edge of (not sever) a private nature area near Atherton Road in Sector A.

The engineering issues are also expected to be more complicated with widening Irish Road. The number of waterways to be addressed, the more rolling terrain to be encountered and the soil conditions cause the engineering difficulty of the Irish Road improvement in Sector B to be rated "high." Nevertheless, Irish Road can divert between 15 and 30 percent of the traffic on M-15 in Sector B. It doesn't, however, eliminate the need for four lanes on most of M-15.

Evaluation of these data was undertaken by the nine consultant team members who ranked the evaluation factors (Table 4-5). A scale of 1 to 100 was used with a score above 50 considered positive. The results indicate the consultant believed the displacement effects of both the Irish Road and M-15 proposals are considered negative in Sectors A and B as at least 30 homes would be lost in each segment (up to 20 per mile of road improvement). The potential historic impacts of the Irish Road widening in Sector A are recognized with the lowest score in any category (11.67). The expected farmland impacts in each sector are also considered negative for Irish Road. And, while traffic relief to M-15 is significant compared to other alternatives, the consultant scored Irish Road low because in Sectors A and C it can't solve the need for widening M-15.

Table 4-5
Consultant's Scoring of Alternatives
Irish Road vs. M-15 Wide Boulevard

Sector →	Sect	or A	Sect	or B	Sect	or C
Improvement →	Irish Road	M-15	Irish Road	M-15	Irish Road	M-15
Evaluation Factor ↓						
Displacements	10.56	49.56	39.00	25.44	53.00	64.67
Historics	11.67	78.56	78.67	78.67	79.56	78.89
Waterways	69.11	48.33	38.44	62.11	67.56	68.56
Farmland	44.11	78.44	45.22	75.89	44.67	80.44
Wetlands	52.67	48.67	38.44	56.00	36.33	44.78
Parks/Recreation Areas	87.78	74.44	88.33	88.33	87.78	88.33
Community Cohesion	50.67	57.67	50.67	20.00	55.67	54.33
Engineering Difficulty	64.22	74.33	49.33	64.00	41.89	81.33
Traffic Flow	38.33	85.67	62.67	87.78	23.89	86.33

Source: The Corradino Group

The combination of the scores of Table 4-5 with the evaluation factor weights provided by the citizens and the consultant produces the "bottom line" comparison of these two alternatives (Table 4-6). The two evaluations each consider the Irish Road proposal in Sector A negative (i.e., scores lower than 50). And, while this is not the case in Sectors B and C, Irish Road does not exceed the M-15 wide-boulevard proposal in the assessment of impacts. When the scores of the three sectors are averaged, Irish Road is a poor performer while the M-15 proposal is not. Therefore, the consultant recommends the Irish Road proposal be eliminated from further analysis.

Table 4-6
Results of Evaluation by Group
Irish Road vs. M-15 Wide Boulevard

Sector →	Sect	or A	Sect	or B	Sect	or C	Aver	rage
Improvement	Irish Road	M-15						
Evaluation Group 🗸								
Citizens	44.41	62.90	51.28	58.48	53.48	68.86	49.72	63.41
Consultant	43.23	63.67	52.04	58.02	51.78	69.33	49.02	63.67

4.1.2 Goodrich Bypass vs. M-15 Wide Boulevard

Table 4-7 provides evaluation data for the proposed Goodrich bypass and widening M-15 to a wide boulevard. The M-15 concept performs much better in all categories but displacements and impacts on community cohesion. The bypass is expected to impact the Alanson Green farm residence listed on the *National Register of Historic Places*. The bypass' farmland impacts are significant as are its effects on wetlands.

Table 4-7
Evaluation Data: First-Level Screening
Goodrich Bypass vs. M-15 Wide Boulevard

Sector →		Sector B/	Goodrich	
Improvement →	Вур	ass	M-	15
Factor ψ	#	Per Mi.	#	Per Mi.
1. Displacements				
Homes	14	3.5	57	14.8
2. Historics				
National Register Property	1		0	
Archaeologic Site	0		0	
3. Waterways				
Lake	0		0	
Perennial Stream	1		1	
Drain	1		1	
Pond	1		0	
Intermittent Stream	1		0	
4. Farmland				
Acres	52	13.0	4	1.0
5. Wetlands				
Acres	16	4.0	4	1.0
6. Parks/Recreation Areas				
Public	0		0	
Private	0		0	
7. Community Cohesion				
High/Medium/Low	Medium	to High	Hiç	gh
8. Engineering Difficulty				
High/Medium/Low	Med	ium	Med	ium
9. Traffic Flow on M-15				
Vehicles/Day in 2025	14,900/	15,000	18,800/	20,200

The results of the consultant's evaluation of these data are shown on Table 4-8. Again it is noted a score of more than 50 is considered positive. As can be seen, the Goodrich bypass performs well in all categories but historics, farmland and wetland impacts. There the scores are very low. Likewise, the potential displacement of almost five dozen homes (15 per mile) and the community cohesion impacts of widening cause the consultant to score the M-15 concept low.

The combination of these scores with the citizen and consultant weights indicates that the Goodrich bypass barely passes with a score of 50.32 using the citizen weights (Table 4-9). It scores higher with the consultant's weighting of evaluation factors. But, both scores are below those of the M-15 concept. So, the construction of a Goodrich bypass is not recommended for further study.

4.1.3 Lake Louise Bypass vs. M-15 Wide **Boulevard**

The comparison data of the Lake Louise bypass with the M-

15 wide boulevard option indicates the proposed bypass will have significant consequences in the categories dealing with historics, wetlands, community cohesion,

without challenges, including the rugged terrain and wet soils. And, while some traffic is expected to be diverted from M-15, it will not be enough to alleviate the need for four lanes on that road. The consultant's scoring of these data reflects the difficult aspects of the proposed Lake Louise bypass (Table 4-11). By the same token, it recognizes the large displacements, waterways and wetlands impacts as

engineering difficulty and traffic flow (Table 4-10). One significant archaeologic site is potentially affected by the bypass proposal. It is expected to consume nine acres per mile of wetlands for a 27-acre total. It will create a significant impact on the cohesion of the community which it will cross. Building it will not be

well as the engineering difficulty of expanding M-15 to a wide boulevard. When these scores are combined with the evaluation factor weightings of the consultant and the citizens, the bypass doesn't achieve a passing score (Table 4-12). The consultant recommends it for elimination.

4.1.4 Comparison of M-15 Widenings

The two previous scorings indicate the alternatives to widening M-15 are not preferable proposals. Nor is the "fatally flawed" Alternative No. 1 - Paved Gravel Roads. The objective now is to determine whether any of the M-15 widening options should be dropped from further evaluation.

Table 4-8 Consultant's Scoring of Alternatives Goodrich Bypass vs. M-15 Wide Boulevard

Sector →	Sector B/	'Goodrich
Improvement →	Bypass	M-15
Evaluation Factor ↓		
Displacements	69.67	25.44
Historics	27.22	78.67
Waterways	52.56	62.11
Farmland	22.22	75.89
Wetlands	28.22	56.00
Parks/Recreation Areas	85.00	88.33
Community Cohesion	56.67	20.00
Engineering Difficulty	65.22	64.00
Traffic Flow	65.56	87.78

Source: The Corradino Group

Table 4-9 Results of Evaluation by Group Goodrich Bypass vs. M-15 Wide Boulevard

Sector →	Sector B/	Goodrich (
Improvement →	Bypass	M-15
Evaluation Group 🗸		
Citizens	50.32	58.48
Consultant	53.07	58.02

Table 4-10 Evaluation Data: First-Level Screening Lake Louise Bypass vs. M-15 Wide Boulevard

Sector →		Sector E/La	ake Louise	
Improvement →	Rvr	ass ass	M-	15
Factor \checkmark	#	Per Mi.	#	Per Mi.
1. Displacements	//	T CI IVII.	//	T CI IVII.
Homes	10	3.3	47	15.7
2. Historics	10	3.3	47	13.7
National Register Property	0		0	
Archaeologic Site	1		0	
3. Waterways	ı			
Lake	0		3	
Perennial Stream	1		0	
Drain	0		0	
Pond	0		1	
Intermittent Stream	4		2	
4. Farmland				
Acres	10	3.3	NS	
5. Wetlands				
Acres	27	9.0	11	3.7
6. Parks/Recreation Areas				
Public	0		0	
Private	1		0	
7. Community Cohesion				
High/Medium/Low	Hi	gh	Med	lium
8. Engineering Difficulty				
High/Medium/Low	Hi	gh	Hi	gh
9. Traffic Flow on M-15				
Vehicles/Day in 2025	17,	000	22,	900

NS – No Significant Quantity Source: The Corradino Group

Table 4-11 Consultant's Scoring of Alternatives Lake Louise Bypass vs. M-15 Wide Boulevard

Sector →	Sector E/L	ake Louise
Improvement →	Bypass	M-15
Evaluation Factor ψ		
Displacements	72.56	25.67
Historics	40.00	78.78
Waterways	55.00	39.33
Farmland	58.89	92.22
Wetlands	11.11	34.22
Parks/Recreation Areas	56.67	88.33
Community Cohesion	45.56	51.66
Engineering Difficulty	44.11	47.67
Traffic Flow	40.00	84.56

Source: The Corradino Group

Table 4-12 Results of Evaluation by Group Lake Louise Bypass vs. M-15 Wide Boulevard

Sector →	Sector E/L	ake Louise
Improvement	Bypass	M-15
Evaluation Group 🗸		
Citizens	46.92	55.95
Consultant	46.01	54.70

The data on Table 4-13 provide the basis upon which this judgment can be made. It is noteworthy when reviewing it that the consequences are greater the wider the road. For example, the same streams may be crossed by each widening option, but the impact of a wider structure and associated supports, drainage, and the like will often cause the boulevard concepts to have greater impacts than the five-lane option and the wide boulevard to be more impacting than a narrow boulevard. A review of the evaluation data by sector is provided next.

4.1.4.1 Sector A

The evaluation data indicate that in Sector A there are likely to be few major impacts associated with a five-lane M-15. This is also true of a narrow boulevard, except in the waterways category where the Cummings Drain is crossed three times, the Hoyle Drain once, and one pond is affected. The proposed wide boulevard is also associated with this latter impact plus its displacements (32 total, 7.1 per mile), and wetlands impacts are significant (8 acres, 1.9 per mile).

Scoring of these data by the consultant reflects these concerns (Table 4-14). And, when the consultant's scores are combined with the weights of the evaluation factors, the five-lane option is the highest scoring alternative at this level of evaluation (Table 4-15). Nevertheless, all three options perform well with scores above 60. The most concern is over potential impacts on waterways, wetlands and community cohesion.

4.1.4.2 Sector B

The displacement impacts of widening M-15 are greater in this sector than Sector A as each option would likely displace three dozen to almost five dozen residences (Table 4-13). Expected effects associated with waterways, farmlands, wetlands, and parks are less than in Sector A. However, community cohesion becomes a bigger concern in Goodrich. Engineering issues in Sector B are somewhat more complicated than in Sector A.

The consultant's evaluation responds to these data by providing the lowest score in the area of community cohesion where a widened M-15 has major potential consequences in Goodrich (Table 4-14). Only the impacts in the displacements category cause scores at as low a level as the community cohesion evaluations. Combining these data with the evaluation factor weights results in an indication that all widening options perform lower in Sector B than in Sector A with the wide-boulevard alternative scoring lowest (Table 4-15). Nevertheless, all have passing scores.

4.1.4.3 Sector C

While wetlands impacts for the short section of M-15 in Sector C are a concern, all other impacts appear manageable for all widening options (Table 4-13). This results in very high scores (Table 4-14) and strong overall results for the proposal to widen M-15 in this sector (Table 4-15).

Table 4-13
Evaluation Data: First-Level Evaluation
M-15 Widenings

NS – No Significant Quantity Source: The Corradino Group

Table 4-13 (continued) Evaluation Data: First-Level Evaluation M-15 Widenings

			Sec	Sector D					Sector F	or E					Sectr
	Five	Five-Lane	Narro	Narrow Blvd.	Wide Blvd.	Blvd.	Five-Lane	-ane	Narrow Blvd.	v Blvd.	Wide	Wide Blvd.	Five-Lane	Lane	Narrov
Factor 👉	#	Per Mi.	#	Per Mi.	#	Per Mi.	#	Per Mi.	#	Per Mi.	#	Per Mi.	#	Per Mi.	#
1. Displacements															
Homes	∞	5.3	13	8.7	20	13.3	12	4.0	23	7.7	47	15.7	3	1.0	14
2. Historics															
National Register Property	0		0		0		0		0		0		0		0
Archaeologic Site	0		0		0		0		0		0		0		0
3. Waterways															
Lake	0		0		0		1		1		3		0		0
Perennial Stream	3		3		3		0		0		0		0		0
Drain	0		0		0		0		0		0		0		0
Pond	2		2		2		0		0		1		0		0
Intermittent Stream	1		1		1		2		2		2		2		2
4. Farmland															
Acres	SN		SN	1	NS	:	NS	:	NS	:	SN	:	SN	:	NS
5. Wetlands															
Acres	1	1.0	3	2.0	4	2.7	4	1.3	8	2.7	11	3.7	1	0.3	1
barks/Recreation Areas															
Public	0		0		0		0		0		0		0		0
Private	0		0		0		0		0		0		0		0
7. Community Cohesion															
High/Medium/Low	Me	Medium	Mec	Medium	Medium	lium	Medium	ium	Medium	ium	Me	Medium	Medium	ium	Mec
8. Engineering Difficulty															
High/Medium/Low	Me	Medium	Мес	Medium	Medium	lium	High	h(c	High	db	I	High	Medium	ium	Mec
9 Traffic Flow on M-15															
Vehicles/Day in 2025	20	20,700	20,	20,700	20,700	700	22,900	006	22,900	006	22,	22,900	25,100/35,200	35,200	25,100,

NS – No Significant Quantity Source: The Corradino Group

Table 4-14 Consultant's Scoring of Alternatives

Sector →		Sector A			Sector B			Š
Improvement >	Five-Lane	Narrow Blvd.	Wide Blvd.	Five-Lane	Narrow Blvd.	Wide Blvd.	Five-Lane	Na
Evaluation Factor 🕹								
Displacements	88.56	74.44	49.56	38.56	31.33	25.44	86.11	
Historics	85.89	82.22	78.56	87.11	82.89	78.67	86.22	
Waterways	27.67	49.33	48.33	65.11	63.44	62.11	71.33	
Farmland	84.89	76.67	78.44	87.89	77.33	75.89	89.00	
Wetlands	62.44	52.44	48.67	68.11	61.78	56.00	59.89	
Parks/Recreation Areas	76.11	75.33	74.44	88.33	88.33	88.33	88.33	
Community Cohesion	59.22	62.67	57.67	40.00	27.22	20.00	56.11	
Engineering Difficulty	75.28	75.22	74.33	62.67	64.78	64.00	81.78	
Traffic Flow	68.67	84.11	85.67	81.89	86.22	87.78	80.44	
Sector →		Sector D			Sector E			Š
Improvement →	Five-Lane	Narrow Blvd.	Wide Blvd.	Five-Lane	Narrow Blvd.	Wide Blvd.	Five-Lane	Na
Evaluation Factor 🕹								
Displacements	63.78	47.33	35.22	81.78	51.00	25.67	00.98	
Historics	86.33	82.67	79.00	86.11	82.44	78.78	86.11	
Waterways	43.33	40.44	39.67	62.67	61.22	39.33	76.67	
Farmland	92.22	92.22	92.22	92.22	92.22	92.22	92.22	
Wetlands	26.67	48.56	42.44	52.89	41.44	34.22	71.44	
Parks/Recreation Areas	88.33	88.33	88.33	88.33	88.33	88.33	88.33	
Community Cohesion	26.67	99.09	54.89	26.67	56.33	51.56	57.78	
Engineering Difficulty	56.44	57.11	55.89	48.22	48.89	47.67	62.89	
Traffic Flow	78.22	82.78	84.56	78.22	82.78	84.56	70.89	
The Course Course								

Table 4-15 Results of Evaluation by Group

Sector →	Sector A			Sector B			
Improvement →	Five-Lane	Narrow Blvd.	Narrow Blvd. Wide Blvd.		Narrow Blvd.	Wide Blvd.	
Evaluation Group ↓							
Citizens	74.06	68.63	62.90	66.62	61.78	58.48	
Consultant	74.31	69.59	63.67	65.25	61.24	58.02	

Sector →	Sector C			Sector D			
Improvement →	Five-Lane	Narrow Blvd.	Wide Blvd.	Five-Lane	Narrow Blvd.	Wide Blvd.	
Evaluation Group ↓							
Citizens	76.52	72.29	68.86	67.50	63.60	59.67	
Consultant	76.29	72.48	69.33	66.45	62.78	58.77	

Sector →	Sector E			Sector F		
Improvement →	Five-Lane	Narrow Blvd.	Wide Blvd.	Five-Lane	Narrow Blvd.	Wide Blvd.
Evaluation Group ↓						
Citizens	69.72	65.00	55.95	77.71	74.16	68.25
Consultant	67.97	63.43	54.70	75.89	72. 52	66.38

Sector →	Overall Average					
Improvement →	Five-Lane	Narrow Blvd.	Wide Blvd.			
Evaluation Group ↓						
Citizens	72.02	67.58	62.35			
Consultant	71.03	67.01	61.82			

4.1.4.4 Sector D

The potential impacts associated with widening M-15 on three crossings of Duck Creek, two ponds and one intermittent stream are the major concerns in Sector D (Table 4-13). Displacements return to a relatively high level with the boulevard options. Wetlands issues remain a concern. All other impacts appear manageable. So, the evaluation results (Tables 4-14 and 4-15) here are comparable to those of Sectors A and B but not as strong as Sector C.

4.1.4.5 Sector E

Potential displacements continue to increase as the proposed widening moves south into Sector E. The waterway impacts associated with the wide boulevard's effects on Lawrence Lake, Lake Louise, Grass Lake, an unnamed pond and one intermittent stream are also large (Table 4-13). The impact on wetlands, particularly with both boulevard options, continues to be a major issue. And, wet soils, waterbody issues and the presence of a pipeline make the engineering challenges of widening M-15 more significant in Sector E than any other sector.

These characteristics lead to the consultant's scores shown on Table 4-14 and the overall evaluation results of Table 4-15. These data reflect the wide boulevard is a challenging option in Sector E.

4.1.4.6 Sector F

The evaluation data for widening M-15 in Sector F illustrate few major impacts except for the potential displacements of a wide boulevard (Table 4-13). So, the evaluation results (Tables 4-14 and 4-15) show there is more potential for widening M-15 in Sector F as compared to all other sectors. This is particularly the case because the wetlands impacts are not expected to exceed two acres in this sector.

4.1.4.7 Recommendation

Table 4-16 shows the overall impacts of the three options to widening M-15 from I-69 to I-75. Each has an overall evaluation that would lead to its inclusion in the next level of analysis. However, based on public input which clearly indicates concerns over displacements and wetlands impacts, the implications associated with a wide boulevard (197 displacements, 34 acres of wetlands) are significant and can't be ignored.

Likewise, the discussions at the September 20, 2000 morning scoping meeting indicated state resource agencies, with responsibility to approve a project, are very concerned about the extent of wetlands takings with M-15's widening. Plus, the consultant's field inventory indicates the quality of the wetlands along sections of M-15 will make the wide boulevard option a difficult solution. This is particularly true when the federal rules guiding this type project indicate wetland use can only occur when there is "no practicable" alternative and state rules require a demonstration that there are "...no feasible and prudent alternatives" when wetlands are to be used. In this case, options to a wide boulevard do exist -- either the narrow boulevard or a five-lane road or doing nothing. So, the consultant recommends as the project proceeds that the wide boulevard option be dropped.

Table 4-16 Summary of M-15 Widening Alternatives Evaluation of Data and Results

Improvement	Five-	Lane	Narrow Blvd.		Wide Blvd.		
Factor	#	Per Mi.	#	Per Mi.	#	Per Mi.	
Displacements	64	3.2	114	5.7	197	9.8	
Historics	0		0		0		
Waterways	19		20		23		
Farmland (Acres)	1	0.1	6	0.3	9	0.5	
Wetlands (Acres)	13	0.65	24	1.2	34	1.7	
Parks/Recreation	O ¹		O ¹		O ¹		
Community Cohesion	Medium	to High	Medium to High		Medium to High		
Engineering Difficulty	Low to	High	Low to High		Low to High		
Traffic Flow	18,800 to 35,200		18,800 to 35,200		18,800 to 35,200		
Citizens' Evaluation	72.	.02	67.58		62	62.35	
Consultant's Evaluation	71.03		67.01		61.82		

¹One private nature area near Atherton Road may be touched on edge.

Source: The Corradino Group

One last note is in order. The concept of a one-way pair in Goodrich (by continuing the existing roadway as the southbound element of the one-way pair and a new two-lane road built to serve northbound traffic) is considered viable (Table 4-17). Its impacts appear manageable with the most concern in the wetlands area. The five acres of wetlands expected to be impacted along the one-mile section of new road is at least double the comparable section of M-15, if it were widened to five lanes or to a narrow boulevard.

Table 4-17
Evaluation Data: First-Level Screening
Goodrich New One-Way Section
(two lanes wide)

	Factor	#	Per Mi.	Consultant's Score	
1.	Displacements			80.78	
	Homes	3	3.0	60.76	
2.	Historics				
	Natural Register Property	0		85.22	
	Archaeologic Site	0			
3.	Waterways				
	Lake	0			
	Perennial Stream	1		71.57	
	Drain	0		71.57	
	Pond	0			
	Intermittent Stream	0			
4.	Farmland			79.00	
	Acres	1	1.0	79.00	
5.	Wetlands			26.56	
	Acres	5	5.0	20.50	
6.	Parks/Recreation Areas				
	Public	0		80.56	
	Private	1			
7.	Community Cohesion			70.00	
	High/Medium/Low	Low		78.89	
8.	Engineering Difficulty			(2.70	
	High/Medium/Low	Medium		62.78	
9.	Traffic Flow on M-15			04.47	
	Vehicles/Day in 2025	9,400		84.67	
,	-	Citizens' Evaluation		70.39	
		Consulta	Consultant's Evaluation		